Field Trip No. 20: East-central and north-eastern N.S.W.: 29 Nov. – 15 Dec. 1948
[Plant determinations by Nancy Burbidge]
29/11. 14833. Canberra.

846 Queanbeyan. 851. Polyanthemos, A. crucata, A. frater (?) macrorrhyncha, melliodora, occ. Stuart. Macrotona australis, Pracibulus. Danthonia pallida, occ. small shrubs., mostly sparse pasture. 861. Grassland. Danthonia & Helichrysum (?). No Acrid. Azilid numerous. 862 Hoskinstown 863. Austroicetes frater, Cryptobothrus chrysophorus Rossii, maculosa. polyanthemos, Stuartiana. Danthonia pallida, small shrubs, short pasture. Prac., Brachyex., vulgaris. Largest Azilid captured yellow-chytroned beetle. 872. Viminalis Monica australasiae, Acacia brunnea, & a peppermint in DSF. with rich Exarna includens, Cirphula pyrocnemis, understory of many different low Conphistes sp. shrubs. The peppermint consisting entirely of regrowth to 10ft. presumably following exploitation for oil. Phaul. Cirphula. 880. Beetles on paniculata

flowers in pasture. woodland.

14883 Low rainflora woodland
Austroicetes frater
with ~~a~~ mainly dense myrtaceous
shrubs up to 7ft. in places, sometimes
sparser, with Danthonia pasture.

14888. Braidwood. 904 Return to

Larbert turnoff ~~904~~. 907 Pasc. & dicos
Austroicetes frater, Dedaleus australis
on steep slope leading down to
Shoalhaven flood plain. Acacia mollis.
Medium to short sparse pasture with
stones. Acrida (n) Gastr. (n), Prax.,
Phaul., A. vulgaris. Macrotona (n)

908 Larbert 909 Return to Larbert.

917 Lower Turnoff Boro (?). 918 Lower Boro

926. Pasc., rubida, mell., occ. amplifolia
Austroicetes frater, Gonacea australasiae
sav. woodland. Mainly 1ft. Arotida,
with patches low Danthonia.

14933 Windellama. 14942 Cleared from
Pasc., rubida. Rather thin Stipa-Danth.
A. crucciata, Brachyscama lobipennis
pasture to 6 ins. Occ. small shrubs.
14955. Goulburn.
30/11. 14956. Goulburn.

14959 (Wollondilly River) Grassland, mainly
Austroicetes cruciata, A. vulgaris, Brachyscarna
not more than 6 ins., with Danthonia,
lobipennis, Ulmusa sp.
Stipa spp., Helichrysum, Erynguim,
Vittadinia, Themeda, etc. A. pusilla
nymphs. 961 Kingsdale 14967. DSF. of
Austroicetes frater, Xoniaea australasiae
low naculosa, Rozaii, macrorhyncha,
melliodora, with spp. of Daviesia, &
Danthonia pallida, & other low shrubs.
Also cleared from above. 978. Cleared
chocolate
from viminalis (woodland ¾) on basaltic
Praxibulus ~~lanicatus lanicatus~~ (R) insolens (n)
soil. Dense pasture to ca. 9 ins. Brachy.
(n)
Phaul. 985. Crookwell. 987. Viminalis.
Robertsonii, radiata, occ. stellulata,
Praxibulus (n)
rather dense pasture. 6" - 1ft. Prax. (n),
Ded. (n), Acrid & ~~pray~~ (Buprestid).
14996. Macrorhyncha, dives, melliodora,
Brachyscarna lobipennis, Austroicetes vulgaris
Stuartiana sav. woodland, somewhat
thinned, in places cleared. Dense
pasture 9-12 ins. Prax (n). ~~P~~ 15005.
A. cruciata, Brachyscarna lobipennis
Albens, Blakelyi, melliodora, macrorhyncha
sav. woodland with mainly dense
9-12" pasture of Stipa, Danthonia

and annuals. Prax. 15011. Lachlan River (Narawa Bridge) 15013 Oldmangumpah Creek. 15015 Very open melliodora savannah on granite, Kurrajong on tops of hills. Dense pasture 12-18 ins. Brachy. 019. Rugby. 15022. Sav. woodland-D.S.F. ecotone, with macrorrhyncha, polyanthemos elaeophora, Rossii, maculosa, melliodora Largely cleared, resulting pasture very short & sparse Danthonia to Stipa & Aristida to 9 ins. D. pallida in patches, a few small shrubs. 15025 Port Creek. 15032. Albens & occ. melliodora thinned sav. woodland. Pasture thin in places, mainly Stipa & Danthonia, bare ground around base of trees. Boiled with prey (moth) Brachy. Prax. 15041 Boorowa 15042 Departure from Boorowa 1/12/48 15050 Elcophora occ. polyanthemos sav. woodland, mostly cleared. Stipa-

Prascibulus ~~laminatus~~ duplex ~~laminatus~~ (R)

Austroicetes frater, A. vulgaris (n)

Austroicetes crucifera, A. frater, A. vulgaris.

Pycnostictus sp. n.

Pycnostictus sp. n.

Cryptolothrus, Austroicetes cruciata, Chorioicetes
Danthonia pasture of various heights
terminifera
& densities. Brachy. 15057. Murringo

15061 Melliodora, Blakelyi, Stuartiana in
Austroicetes cruciata, Brachyscarna lobipennis
low flat depression. Mainly cleared.
Tall dense pasture in places to 2ft.
Pycnostictus sp. n.
15066 (Wambanumbar Creek) Melliodora.
Blakelyi, Stuartiana. Creek bed with
succulent grasses & clovers, Echium,
etc. Phaul. 15072 Young. 15077
Mainum Crossing (Railway). 15078 Melliodora.
Blakelyi & Stuartiana at
Creek. Bare ground under trees, & slightly
green dense pasture near creek. Chorio.
15079 Nelson's Creek 15082 Burangong
Creek. 15086 Melliodora sav. woodland.
Austroicetes cruciata, A. frater, A. pusilla, Chorioicetes,
in low hollow. Pasture dry, both short
Brachyscarna lobipennis, Pycnostictus sp. n.
& taller, partly green in low spots.
Brachy., Phaul (n). 15094 Sav. woodland
of Melliodora, albens, macleiana &
Austroicetes ~~pusilla~~ interioris
Callitris glauca. Stipa-Danth. pasture
mainly about 1ft., some bare ground.

15101. Mell. along dry gully. Sparse
Austroicetes ~~pusilla~~ interioris
Stipa-Danthonia, much bare ground.

Soil pale brown. 106 Trempell

15109 Mell. - Blakelyi along road, with
Austroicetes crucciata, A. pusilla, Chortoicetes (n),
much bare ground, and adjacent
Oedaleus (n), Brachycorna lobipennis, Austroicetes
paddock cleared; pasture 6-12", some
interioris
bare ground. 15111 Snowpat creek.

114 Bundah creek 15115 Sideroxylon,

dealbata, Callitris calcarata on hill,
Austroicetes frater, Chortoicetes terminifera
stony above, partly cleared, numerous

shrubs above 1-10ft., including blue-

flowered shrub-grasslike monocot. from

Ainslie. On cleared part sparse to

dense Stipa 1ft. 124 Bumbaldry

125. Bumbaldry Creek. Mellodora,

Stuart & Blakelyi at natural density
Cryptoherus, Phaulacridium vittatum,
around very broad shallow creek,
Praxilulus (n), Austroicetes frater (n),
with green grasses in bottom.
Pycnostichus sp. n.
Higher up, ~~to~~ Stipa-Danth. pasture

Brachy, 128 Tyagong Creek.

15136 (Back Creek) Creek lined with

Camaldulensis & melliodora, with small
Austroicetes cruciata, ~~A. pusilla,~~ Chortoicetes,
patches dense grass, green pasture.
Oedaleus(n), Pycnobotrus sp. n., Austroicetes
up away from creek, albens, on
interioris
surface-eroded soil having mainly
18 ins. Stipa & small patches Chloris
truncata showing some green.

15141. Cowra. 15141 Depart. Cowra

2/12/48. 15146 (Wangoola Creek) Camaldulensis
along creek, leading to melliodora &
Chortoicetes terminifera
Blakelyi on slope. Thistles & Patterson's
curse. Pasture almost entirely dry
except in patches immediately
along creek. Phaul., Prac. 15156 ~~L. [illegible]~~ duplex
Austroicetes pusilla, A. cruciata, Praesitalus,
Cleared from albens. Mainly ca. 1 ft.
Oedaleus, Phaulacridium vitatum, Austroicetes
Stipa, other grasses, thistles, etc. Fairly
interioris
green Phaul. Brachy., Chort. 15162
Limestone Creek 15167. Elaeophora on rise
Austroicetes pusilla(n); A. vulgaris
with Stipa-Danth., leading down to
melliodora & Blakelyi in hollows with dense
green
pasture 9 ins. Brachy. Prac. 15169
Lyndhurst 15171 Mandurama
15176 Canowar 15177 Stuart[illegible], mell.,

Austroicetes vulgaris, Prasiculus (n) (n)
Blakelyi around & above creek. Phaul
Pasture both short, sparse & dry, and
taller & green 15185. Blayney. 190. Viminalis
woodland, mainly dense pasture to 1ft.
Brachy. 15192 Kenilp Plains. 15197
Macleans Creek & Dicks Creek. 15~~198~~ 15~~199~~ triquetrus ~~& laevinaris~~
Austroicetes vulgaris, Brachypodarna, Prasiculus
Blakelyi & elaeophora on very pale
Oedaleus (n), Phaulacridium vittatum (n), Sonaea
gritty soil, dense to rather open
sp., Amisa sp.
pasture of Aristida, Danth. & other
grasses. Brachy. 15203 Eson Plains
Creek 15206. Stuartiana, Blakelyi,
viminalis woodland, fairly dense
Austroicetes frater (n)
regrowth, with much bare ground
& litter, a little Stipa, Danth, Poa.
15210 Bathurst 15217 Glenmore
15217 Well. Blakelyi woodland, with
rather sparse Stipa-Danth. pasture
with Helichrysum prominent. No Acrido.
15225 Yetholme (3350 ft) 227. Dense
re-growth of dives & viminalis in
DSF with affinities with WSF. Good

Cryptobothrus, Praxibulus (n)
grass cover of Poa & Danth. pallida.
occ. small shrubs. Also fully
cleared from same community.
Altitude ca. same as last record
(3360ft.). Phaul. (n). 15232. Meadow
(Portland Road)
flat. 15233. Pancflora viminalis at
Austroicetes vulgaris, Praxibulus (n)
base of rocky outcrop lining a wet
hollow. Phaul., Crypto. 242. Portland.

3/12. Return from Portland to Western
highway near meadow flat. 15246
[E. Rossii] Pardillana sp.
~~Micrantha (?)~~ (spec.) divis, & maculosa
(?) in fairly dense stand, partly
regrowth with plentiful D. pallida &
occ. low shrubs. 15251 Return to Western
Highway 15255.9 Turnoff to Mount
Lambie (from 15254.1 looking
(Mt Lambie)
for turnoff.) 257. Leave road & climb
five hundred feet to summit Mt. Lambie.
Cryptobothrus chrysophorus
Panc. & viminalis with Poa & one
bracken. 15259.8 Return to Western
Highway. 15264.6 (~~[illegible]~~)
Divis, maculosa, viminalis, nitida, partly

Goniaea australasiae, Praxibulus (inaclens) ~~laminatus~~ (~~laminatus~~) cleared. Fair no. of small shrubs, &, Phaulacridium vittatum where cleared, Themeda & Aristida.

152.68. Lake Rowan (near Oldmasang Imb)

273. Pancflora, dueco. largely cleared. Austroicetes vulgaris Small shrubs quite numerous, sparse and dense Themeda, Aristida, etc.

Brachy. Prax. 152.76 Bancroft (Lithopar bancroft. Imb) 2.83 Hartley

284. Woodland of viminalis, melliodora [E. melliodora] Oedalus, Austroicetes frater, Praxibulus triquetrus ~~Phaulacridium~~ (spec.) & a narrow-hafed stroggy (spec.) Cryptobothrus, Phaulacridium (n) [E. wilkinsoniana] largely cleared, with both short & 18 ins pasture, including some green in hollow. Prax. (n). 15289-8 Mt. Victoria

Goniaea australasiae

15291. Micrantha, haematoma, Sieberiana, ~~pilularis~~ piperita, scabra, [E. stricta] occ. pilularis & sandstone mallee. [including Grevillea laurifolia] Undershrubs dense: of all sizes to 10ft.. Much litter, occ. Xanthorrhoea.

15294 Blackheath 300 Tuesday 15 302: Tetrinsp.

Cuff Anne (Kalebilo). 15305 Katoomba (about 1 mile apart on pending hotel)

1/12 Cirphula pyrrhocauli

Katoomba. Heath at "Narrow Neck". Usual botanical comp., including Xanthorrhoea, Mori stria tigata (K) mallees & shrubby Casuarinas. Stony & rocky in places. 15315.

Gummifera, peperita, scabra, etc.. with shrubs up to 7ft. No Acids.

Cleared from Acrotropis sp.

gummifera, scabra, Tristania conferta, & Syncarpia at roadside. Aristida & small shrubs. Exsana.

. Glaucous-leafed blood-wood with pale flakey bark (spec. of buds & fruit), glaucous, very large-leafed ironbark (E. siderophloia) (spec.), occ. stringy (spec.). On hill-top with good stand of pure Themeda, also of Bursaria, Acacia, etc. Sedirus (2), Acrida (2). Occ. Pagophora lanceolata. Cryptobathrus.

1534b. Perrith

Completely cleared plain. Paspalum & other grasses. Acacia (?). 361. Richards

---

Description of Monistria from Katoomba. –

Ground colour dull olive above, shining olive below. Head with minute cream spots above, well-developed cream postocular stripes. Pronotum above with two very small cream spots on mid-line of prozona. Abdomen with minute cream spots, largest intransucrose row along hind margin of each segment. Face with minute cream spots.

Lateral view: – broad continuous cream stripe from anterior to eye running backwards & downwards beneath eye & acrosogena, continued along lower border of pronotal lobes onto ~~metapleura~~ mesopleura ~~to~~ and mesocoxa. Hind femur with broad

cream stripe along lower part of extemomedian area, bauching forwards apex, elsewhere with minute cream spots. Abdominal terga with regularly disposed small cream spots, especially towards lower ventral margins. Lower faces of femora ~~and~~ tibiae with minute cream spots. Hind tibia purple and all faces especially upper, unspotted. Underside with a number of regularly disposed small cream spots on metasternum; abdominal sterna with a large cream spot on each side, & other minute cream spots. Supra-anal plate white, unspotted.

5/12

15361.

Intermediate between dry & wet S.F., nearer wet.

Unjaca australasiae, Cryptolothrus,

A. lanceolata, very narrow-leaf.

Angophora, E. gunnifera, scabra,

tall Banksia sp., Caustrina sp. (suberosa or tomulosa). Ground layer of Themeda & Imperata. Acacia (?).

15381. ——— 15391. A. lanceolata, Cryptostylis? E. gummifera, scabra, sweetos retrunca, a mahogany [E. notabilis] ~~turpentine~~ (?) (spec), Syncarpia, Casuarina tomulosa (?) (spec.), slightly burned. Ground layer sparse grass & a few shrubs (interm. betw. DSF & WSF).

DSF. with microantha, gummifera, A. lanceolata, narrow-leafed Angophora, large Banksia, & heath shrubs 1-6 ft. on thin sandy soil & exposed sandstone.

Unisia, tomulosa, Cryptostylis, Cryptostylis sp., pyrrhotuenis, Leptospermum, E. Parramattensis. Unisia sp.

412. Low-lying area with much-twisted red gum (spec.) with smooth grey bark, slightly scaly at base. Patches of tea-tree to 10ft., otherwise swamp heath with restionaceae & myrtaceae only.

425. Pokeloo-wood (spec. of folia 8)

nd. anfosphora, scabra, on rocky slope with small shrubs of flamel flowers. Apotropis 15427.

441. A. intermedia on rocky slope leading down to green Conch in creek. Acrida (?).

451. Racemosa, scabra, a grey [illegible] (?) [illegible] Apotropis [illegible] on rocky [illegible] rock boulder. [illegible] 445.

461. Scattered regions of Oedalus, [illegible] Nomadacris [illegible], Chorocetes, Radinella, Morella [illegible].

15463.

6/13

Troggatta, Cardiscelis Euchroicelus
punctata, Ordalus, Ectphanurus (n)

[spec. 1: E. [illegible]; spec. 2: E. [illegible]]

[Hygrophora Bakeri]

Heterophemis. Figuga
brachycamaodipennis

Tipuloidea. [illegible] [illegible]

15497.

Brachycerina. [illegible]

Brachycerina. Dedalus. Chiotoneurus
thinned

Anatrichetes puella, Pseudatichetus
[illegible], Brachycerina, Dedalus, Tipula [illegible] (?).
[C. [illegible]]
Tipuloidea, Chiotoneurus [illegible]

Anatrichetes puella

Macrotoma australis

15563.

7/12

72

580. Clean from hemiptera
Anthocoridae pusilla.
a Cantharis sp. Much [illegible]
Anthocoridae interioris
both on stony slope of st. Pasture
heavily stepped, very short marginal
with clover. Oedalus, Chest. Bonds
(n) 596 Sandy gully
Pantacridium with jim, Oedalus,
with steep on other side. Hippotion
[E. Blakelyi] [F. Conglomerata]
: intermediate grey gum (opa.) stony
[C. Ellipsocarpa]
(opa. b.). Callitris ? calcarata (opa. c).
scattered, trees opp. [illegible] on
hollow, heavily grass higher up
Chest. Bed. Chest. Bonds (n). 597

607

Pycnoscelus variatus. Apotropis sp.
611. Racemosa, Callitris ? calcarata.

Caeuarina sp. with open growth of [illegible] trees; also better growth of [illegible] on cleared [illegible] slope. Chat. Red. Herb(?) 15619.

[E. ?tenuipes]

624. E. ?paniculata (spec.), with very dark rough bark, but not rightly attached. Leaves glaucous, grey gum as recorded previously; shallow stringy as before. C. calcarata.

[Casuarina suberosa]

Caeuarina sp. (spec.) from 7ft. plant) shrubs to 4ft. on a little grass. On sandstone-conglomerate slope, at summit of road (boundary of State of New South Wales & Queensland). Aplota. 630. Undulating country with ~~[illegible]~~ (spec.), [E. Caleyi] [E. usallciana] cones, ~~[illegible]~~ (spec.). Angophora sp. & Kunzeyong. Chat. Red.

15643. Cleared from allens – C. [illegible] Macrozamia [illegible], Austrocedrus ?[illegible] (?), mostly open. Aotanda on stony steep ground. Acacia (n). Red. Chat.

Austrocedrus interiorio

15650. A. [illegible], leading up to albicans, gregium, C. calcarata, C. [illegible], scattered amongst dwarf [illegible] spinifex (Triodia) on steep slope.

5 Rossii, occ. gray Circlata hypobaenenis, Encarpa [illegible], [illegible] gum. A. intermedia, C. calcarata on [illegible] of [illegible] sandy white soil at summit of range. Undershrubs of healthy hyper. plus Acacia spp. Eucalyptus (?). [illegible]

677. Sac. woodland of [illegible] Maallacana, nelliodora, occ. A. intermedia, on slope with mainly sparse Danthonia - Aristida - Stipa pauciflora, [illegible] bare ground. Chot. Cal. 654. Mulga.

8/12. 654. Mulga. [illegible] woodland A. acicularis [illegible], A. pusilla, A. crassicarpa, [illegible] air, woodland, with [illegible] Dryalotta, Acacia [illegible] australis, [illegible] sparse. Stipa [illegible] R. pauciflora & A. acicularis interioris light brown soil. Dryalotta from very stony patches. Chot. Ephemeral (?).

. Nellodera, Blastelia, Woollieana, Austroiretes fenestrata, A. inscita, Brachyparna necrocephala, Hyophora ? [illegible] Austroiretes interiorio [illegible] [illegible] flat [illegible] [illegible] [illegible] [illegible] green. [illegible] (Chot. Ord. Trigg. Ward) Acanthe (?).

15710.

714. Nellodera, Woollieana, [illegible] Chostoiretes termuifera, Austroiretes interiorio from, [illegible] hollow [illegible] [illegible] green.

Woollieana, [illegible], Nellodera, Austroiretes fenestrata, A. inscita, ~~A. [illegible]~~, Blastelia, [illegible], Considerably [illegible] Austroiretes interiorio? [illegible]. Rarely chot, [illegible] [illegible] [illegible], with ? Bellerophon in hollow.

Chot. Ord.

736. Considerably [illegible] [illegible] on Austroiretes ~~[illegible]~~ [illegible], Chostoiretes flat [illegible] with thin [illegible] termuifera, Austroiretes interiorio [illegible]. [illegible] [illegible] [illegible].

Chot.

749. Open [illegible] along Austroiretes interiorio, Chostoiretes (?) [illegible] with [illegible] of Stipa, Nellodera [illegible] thistles. Base [illegible] in [illegible].

Ord.

15755. 761. Widely spaced altheus
Austrostipa, Cassinia, ~~[illegible]~~ Tephanthus,
& Kunzeopsis. 1ft fairly open, no pasture
Lomatia, Melaleuca, Austroicetes interjecta
of Stipa, Danth., Vittadinia, Salvia,
acc. Hakea Kochii, Acacia ulicifolia. Chost.
Phant.
9/42

15780 Siderosyston,
Austroicetes frater, Pycnostichus [illegible],
Woollsiana & Blakelyi, occ. Callitris
Macrozamia australis, Urtica urtifolia
calcarata. A great deal of bare
ground, some stony, some sandy;
pasture approx 12-18 ins. Aristida &
Stipa, occ. shrubs (Cassinia, Eucalyptus)
to 3ft. Ocd. 795. C. glauca.
Chrysocephalum semicanum
E. conica, occ. Blakelyi & Woollsiana,
somewhat thinned. Pasture rather
dense Stipa to 12 ins, quite dry. Ocd.
Pycnostichus.

Racemosa, Blakelyi, C. calcarata
Macrozamia australis, Lomatia [illegible],
occ. macrorhyncha, with some fairly
Pycnostichus [illegible], Acacia [illegible]
dense regrowth and dense shrubs,
av. height 2-3ft., some 6ft. Also
cleared prone areas, with Aristida.

Chosh. Cisphala 15808.

15815 Woollsiana & ? pilligrensis
Austroicetes interioris
along road. Bush bare ground. Mainly
Main Stipa, pasture, a little Danthonia.
Chosh. Rafve.

829. Canica, woollsiana
Austroicetes, [illegible] fruiter, [illegible]
& melliodora in low lying area. Mainly
[illegible]tus, Macrotona [illegible]
sparse pasture of Stipa on hottle
[illegible], Austroicetes interioris
Arratida; also a creeping saltbush.
Chosh. Bed. Trigg. (head)

838. Sinale woollsiana, Beckeleyi &
[illegible] Adalen. [illegible]
Arcophora? intermedia on mainly
[illegible], Macrotona [illegible],
clear area with mainly dense
Austroicetes interioris
Stipa - Arratida - Danth. Also same
along roadside where much stony
bare ground had been exposed by
roadmaking. Chosh.

Austroicetes
848. Cleared from other [illegible]
Ecphantus sp., Austroicetes interioris
trees still standing.
Chosh. Pasture facing [illegible] Stipa &

12 mos, eaten short in patches. Aerida (?)

15859. Green bottom
Ephedrus, Pratia pedunculata, Arachnoscema, Bromus sp. (R),
among Clerad Blakelyi & Hypoxis
Phaulacidium cittatum. Eaten off.
? intermedia. Aerida (?) Ord.

10/12/48 15865. Melilotus & Blakelyi,
Phaulacidium cittatum, Austroicetes cruciata,
on chocolate-brown soil along road-
side, & mainly 1ft. Stipa prature
sp., Austroicetes interioris
in paddock considerably thinned
from same species. Chost. Ord., Trogg.
(Ward) 875. Sparse albus on fringe of
black soil plain bearing dense &
uniform stand of 3ft. Stipa aristiglumis
along roadside a pure stand of
hoarhound. Chost. 882 G

Albus, melilotus, occ.

Blakelyi & R. intermedia on brown to
Austroicetes cruciata, Vanessa kershawi.
brown sandy loam. Pasture above
Austroicetes frontes, Phaulacidium cittatum,
under dense stands: much fallen
Coptotermes lacteus, Paratettix
stricta & leaves. Clear here mainly
Bidota sp.
thin, dark Stipa, Aristida & ? Bothriochloa

the main species. In place a tall species, possibly Chloris truncata.

Bed, Trogg. 15892.

15901. Black soil plain with dead barley grass, horehound, & sce. Stipa aristiglumis. Chost.

913. Albany & sce. Oedalea, Microtoma, Austaridium, Pentaridium turnaging on stony choc. healthy soil on rise. Chost. Oct. Prand. Pasture heavy, mainly dense, composed of Stipa ? variabilis, S. aristiglumis, & ? Dichanthium.

Albany & sce. sav. woodland turnaging on rise with stony choc. Oedalea, Caracuetes, Ethantus, Tomala soil bearing Stipa ? variabilis 12-15 cm in mainly open stands, opens & grass low under trees. Ellob. Microtone avenacea, Acrida (n) Blakely's & Calitris glauca on pale sandridge ~~(probably part of the ridge going to merge to Lindridge~~. Community

Cyrtidea, Macromitrium, Chorisodontium, Trichosteleum, Trichosteleum aciculum,
thinned, but still fairly dense.
Cladonia, Hypocephalus armatus, Pyxine
Shipa? variabilis & a little Arctoida,
mostly fairly closely grazed. Chost.,
Phanl. 15940. 947. Melliodora
Chorisodontium, Cryptochaetium (?)
woodland on partly from clare soil,
afte Shipa? variabilis & bare
ground, with S. cinctipennis on any
soil adjacent. Pachystichus varia,
P. sp. n., Ded. Macrotona australis.
1595 Depart Amundi
11/12/48. Albens.
Melliodora + Blakelyi on rocky slope.
Pasture very much overgrazed:
consisting of sparse & short Shipa
with weeds. Ded., Chost. Great variability, amongst Blakelyi in size of
fruit, length & shape of operculum &
in glaucousness of buds & fruits.
967 Wallabadah 973 Jacob & Jeffr
Albens, Blakelyi, A. intermedia
on hill & adjacent flat, coincidentally

Austroicetes interiorio ~~[illegible]~~
thinned. Shrubs, including Acacia [illegible]
~~[illegible]~~ & Bursaria, 1-6ft. on hill. Pasture
including Aristida, ? Dichanthium &
Chloris truncata, sparse on hill, dense
on flat. Austroicetes, Pachycondyla
15973. [illegible]
1992 Self-mulching choc., & compact
pale grey-brown soils around a
gully. A.? intermedia open sec.
woodland with S. aviculiflorus,
S.? cupularis, an Aristida with
much-branched inflorescence on
soil, & Danthonia. Chort. Dict. A. avicula
994 Swamp Creek. 993 Timumburi
Clues from Melloboa, Ochetogyi
~~[illegible]~~, Dedalus, Austroicetes,
along road, sec. trees remaining. Soil
Epenophiteus ~~[illegible]~~, Austroicetes interiorio
compact, bare spaces. Pasture
mixed. Pale clayey in table drain.
Chort. 1001 [illegible] 1002
[illegible] 13/ [illegible] 1007
Dedalus, Epenophiteus (?)
Albus with very sec. Callitris
glauca on steep stony slopes. Stip

Aristida, ? Bothriochloa & Themeda in pastures of various heights & densities, including dense 3 ft. high Themeda along railway, and bare ground under trees. Acacia (2) Oid., Phaul., Fragg., Chost., A. pus., Micrantha (2) Heteropterus (2), Pycnostachys sp. n.

16012.

Albens, Blakelyi & sec. C. glauca on coarse granitic soil. Bare ground under trees, & both sparse & dense pasture, largely Aristida, some ? Bothriochloa, Oid., Phaul. Chost.

16020 Lake Cr. 16023. immediately to NE. of summit of first range (Noombi?) Blakelyi, A. ? intermedia, a white gum with large green leaves (spec. 1), a sec. with bark closely similar to Stuartiana, upper branches smooth (spec. 3), and a stringy (spec. 2). Fairly dense mixed pasture to 18 in.

scattered, bare under trees. Erecta.
Cupho, Chost., Qd., Trogg. 16027.
[illegible]. Melhodon, Blakelyi,
occ. sp. recumbent Stuartiana (? spec.
3 of last stop) (8 spec.). Trogg. Much
bare ground under trees, pasture
thinnest mainly Bristida & long-
growing spp. 038. Blakelyi, melhodon,
occ.
spec. 3 (spec. of juvenile) spec. 1, almost
Praxilulus, Eucalyptus, Acacia, Bossiaeaea
margin cleared. Fairly dense lift
Dauthonia, Bristida, Themeda, etc.,
with small bare patches under
trees. Trogg. 045. Spec. 2 (further spec.
[E. Nowanii]
of fruits & leaves), Blakelyi & melhodon,
Dau & Themeda 9-12 ins., with bare
ground around trees. Phaul. Trogg.
052. Slopes completely cleared from
Eucalyptus, Acacia, Bossiaeaea
Blakelyi & spec 3 in broad
Melhodon, Praxilulus, Acacia (R), exsculptus
valley. Present trees are regeneration
and in poor health, possibly because
of exposure. Pasture dense, 6-12 ins.

Phaul.

largely annual & 16058.

. Scabra (?) (spec 4), spec. 2 (?)

(spec 6), melliodora, A. ?intermedia, occ.
with more than 3 fruits per pedunculo

rubida-like sp. (Prob. same as spec. 1)

(spec 5), occ. stellulata (lots above in

hollow), & a sp. more like Shastiana

than spec. 3. Short down pasture.

Phaul (n) Prac (n) 1784

14/12

16075

16078 Thinned woodland of scabby,

mainly young trees of melliodora,

Praxilulus nexilis

conicalis, blakelyi, punctata & (?)

true rubida. Mainly down by

pasture. Brady. Phaul.

093. Large cleared from melliodora &

Beckeri. Lots [illegible] grass,

including Hordeum, Poa & bracted-wire

[Cymbopogon refractus] Praxilulus nexilis (R)

grass (spec.) [illegible] a low stand

of other sp. Bare ground here &

there. Grass. (n.) 096

16106. [illegible] 107. Gently thinned from albus. [illegible] thin, Austrostipa nigrescens, Ochalcus, Brachyscoma undulata, ? Bothriochloa decipiens, Pycnosticha obtusa, short, with patches of Aristida & Stipa? variabilis. Occ. patches of bare ground. Occ. Phaul. [illegible]

3 Cryptostylis, Pyrorchis, Thelymitra, Pycnosticha serratus, Phaulacridium vitatum, Ochalcus (x) 128. Vernalis & Blatchi along [illegible] course. Perhaps open to thins. Frogg. 128. ~~[illegible]~~ between [illegible] & woodland. At least four (spec. of [illegible]) species of Prasophyllum, Spiranthera, Thelymitra, Pycnosticha, Austrostipa, Pycnosticha heteroneura, Prasophyllum, Austrostipa, Pycnosticha serrata, Pomaderris, Cellitis occidentalis, Eupatorium, Lomandra multiflora, Cryptostylis [illegible] Monistria inconspicua (K), [illegible] gully. Heath-like shrubs on hill, [illegible] Blue-bean patches of Aristida, Imperata, [illegible] Phaul. Austrocheilos interiorio, 128. Warrabah. 138. Gently thinned Austrostipa [illegible], A. pubiflora, Ochalcus, A. intermedia, woodland. Paratrophis, Tipuanga, Frogatia, Brachyscoma, mainly Danthonia, Aristida & Stipa, Austrostipa, Pycnosticha serratus, variabilis, with bare open sixlong road. ~~[illegible]~~ Phaulacridium vitatum. [illegible]

Phaul WW 16145. Conica mellodra,
Cameron Cunningham, along
creek Pasture short-grazed? Bordered
with clumps of Aristida. Decorda,
Dod, Phaul. 16147 Under Reef
158. Barraba.
15/12. 159. Barraba. 167. Tussock grass
of mulgalands, & on sandhills on brown
[Aristida aperopsis]
Aristida [illegible], on open ridge. Often
Danth., & upright Aristida on compact
Dist, Fuzz, Fuzz. Old, Wash.
16171 Coolbaddie 176. Albing (Barraba
Rec. [illegible] form). Rec. [illegible], rec.
[illegible] white [illegible] [illegible]
[illegible] seed [illegible]
[E. [illegible]] Monistria inconita (R), [illegible]
[illegible]
[illegible], including a number of
spp., among them ? Eulalia fulva.
the long coarse black-awned sp.
[illegible] sampled. Aristida, [illegible]
[illegible] [illegible] (?) Panicum.
sp. 2.,

Description of [illegible] from [illegible].

[illegible] surface of head & fore [illegible] buff, the [illegible] slightly tinged [illegible] ~~[illegible]~~ [illegible] in front of [illegible].

Dorsum of abdomen buff & white, the buff being weakening posteriorly; but abdominal ~~[illegible]~~ with a [illegible] black patch immediately above [illegible], all abdominal segments with two black dots on each side [illegible] of which one is clearly visible from above. [illegible] [illegible] [illegible] [illegible] the [illegible] of [illegible], [illegible] [illegible] [illegible] the [illegible]; other small black dots on [illegible] especially [illegible] [illegible] [illegible] [illegible].

& more numerous on sides of thorax, and forming an irregular but continuous band along their lower margins. Side of head with intense black stripe including antenna, margin of fastigium, vertex, & running diagonally across gena & lateral lobe, obliquely truncate posteriorly. This bordered below by a pale yellow band from base of antenna to meso-coxa. Face & genae pale dull olive with a few minute cream dots. Pleura also pale dull olive with small cream spots on sides of abdomen. Hind femur pale dull olive with minute cream dots. Basal ⅓ of externomedian area with median black stripe; whole of area with cream to pale yellow stripe along lower margin. Hind tibia pale dull olive, darker on lower surface. Underside shiny ~~pale~~ dull olive, the

mesonotasternum with various cream spots of medium size; abdominal sternites with a large cream spot on each side, and additional minute ones. [Found amongst green dense grass: no shrubs.

X

Ord., Trogg., Phaul. The "Keyaeris" here amongst the grass tussocks.

16184. Albens (normal type), melanophloia, Kurrajongs (on top of rocky hill). Consid. erosion. Pasture in patches of mainly ? Dichanthium & Aristida, some Stipa. Compact soil. Trogg., Phaul.

187 Upper Horton 194 Broome Creek.

A.? intermedia, albens, conica on river flat & adjacent slope, consid. thinned. Macrotona securiformis Pasture mainly dense tussocks of ? Bothriochloa & Aristida, with bare patches under trees & elsewhere.

Acrida (n), Trogg. 16202 Rocky Creek.

204. Completely cleared. Pasture Austroicetes pusilla, Chortoicetes terminifera Stipa - Danthonia on higher areas, 18 mm

Aristida - ? Bothriochloa on lowsown.
Bare ground & Kochia microphylla
along road. Phaul. 16214. Blakely.
Angophora ? intermedia, melleodora, on
Oedalenus, Brachycarna, Praciliulus ~~excaulis~~ whilki
fringe of wide flat valley on silty
Pycnoschiotus aeriatus, Phaulacridium
pale soil. Mainly dense 1ft. pasture
lineatum
of Aristida & ? Bothriochloa, occ.
bare spaces under trees. Acrida (n)
~~Brady~~ Trogg. 220. Top of Killarney Gap in
Nandewars. Albens, Blakely, a
Xenidea australasiae, Heteropternis
stringy & occ. A. ? intermedia. Shiny-
obscurella
leaved shrubs to 10ft. in patches, bare
ground, & dense ? Bothriochloa &
Aristida in gully. Phaul. 232. Dry
swamp of Bassia sally-poles &
Diolopus, Chortoicetes, Pycnoschiotus
Aristida, surrounded by higher
aeriatus, Pycnoschiotus sp. n.
ground with compact soil bearing
albens, nubilanophloia & C. glauca.
Pasture on higher ground Aristida,
? Bothriochloa & Stipa. Chok. Oed.
Trogg. 240. Very sandy soil with

Urnisa guttulosa

Urmsa guttulosa

Hard pale subsoil exposed in bare patches. Blakelye, melanophloia, C. glauca, Casuarina luehmanni.

16246. Narrabri 16/4

Depart Narrabri 16/12/48

Notes on ~~specimen~~ specimen of Monistria from near Cobbadah — buff almost everywhere replacing the pale dull olive. Black markings & spots more pronounced both on hind femur & abdomen, and cream to pale yellow ~~wet~~ dots also somewhat larger everywhere. X